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**Application** 

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Application Number	09/633,644
Filing Date	August 7, 2000
First Named Inventor	Yu-Kung Hsiao et al.
Art Unit	2811
Examiner Name	Kang, Donghee
Attorney Docket Number	TSMC2000-085

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NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.						
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This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Date: October 4, 2004

By:

Cheryl L. Powell

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## REVOCATION AND SUBSTITUTION OF POWER OF ATTORNEY

Dear Sir:

I hereby revoke all previous powers of attorney or authorizations of agent given in the patent applications listed below and hereby appoint All Practitioners at <u>Customer Number 08933</u> to prosecute all applications listed below and to transact all business in the United States Patent and Trademark Office connected therewith.

I hereby appoint the following additional attorneys, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Chien Chou Simon Lu Registration Number: 41,672 Registration Number: 51,974 Please change the correspondence address for all the applications listed below to:

Customer No. 08933
William H. Murray
DUANE MORRIS LLP
One Liberty Place
Philadelphia, PA 19103-7396
Fax (215) 979-1000

All telephone calls for all applications listed below should be addressed to Steven E. Koffs at (215) 979-1250

## **CERTIFICATE UNDER 37 CFR 3.73(b)**

Taiwan Semiconductor Manufacturing Co., Ltd., a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent applications identified below by virtue of an assignment from the inventor(s) of the patent applications:

1	Social No.	Citi D	
	Serial No.	Filing Date	Assignment Information
	09/285,986	04/05/1999	
	09/633,644	08/07/2000	Assignment recorded in the Patent and Trademark Office at Reel 011005, Frame 0900
	9/679,514	10/06/2000	Assignment recorded in the Patent and Trademark Office at Reel 011228, Frame 0408
<u> </u>	9/961,557	09/24/2001	Assignment recorded in the Patent and Trademark Office at Reel 012210, Frame 0901
1	0/074,881	02/12/2002	Assignment recorded in the Patent and Trademark Office at Reel 012594 Frame 0025
1	0/126,388	04/19/2002	Assignment recorded in the Patent and Trademark Office at Reel 012839, Frame 0167
1	0/134,823	04/26/2002	Assignment recorded in the Patent and Trademark a Office t Reel 012869, Frame 0133
1	0/197,327	07/17/2002	Assignment recorded in the Patent and Trademark Office at Reel 013121. Frame 0429
10	0/243,414	09/13/2002	Assignment recorded in the Patent and Trademark Office at Reel 013303, Frame 0192
10	0/253,270	09/24/2002	Assignment recorded in the Patent and Trademark Office at Reel 013328, Frame 0885
1(	0/263,542	10/03/2002	Assignment recorded in the Patent and Trademark Office at Reel 013361, Frame 0026
10	0/271,005	10/15/2002	Assignment recorded in the Patent and Trademark Office at Reel 012357, Frame 0838

10/289,761	11/07/2002	Assignment recorded in the Patent and Trademark Office at Reel 013477, Frame 0227
10/314,664	12/09/2002	Assignment recorded in the Patent and Trademark Office at Reel 013559, Frame 0644
10/348,388	01/21/2003	Copy of Assignment attached
10/410,121	04/09/2003	Assignment recorded in the Patent and Trademark Office at Reel 013959, Frame 0600
10/613,694	07/03/2003	Assignment recorded in the Patent and Trademark Office at Reel 012163, Frame 0350
10/724,784	12/01/2003	Copy of Assignment attached
10/755,496	01/12/2004	Assignment recorded in the Patent and Trademark Office at Reel 013129, Frame 0294
10/812,729	03/30/2004	Copy of Assignment attached
10/833,178	04/27/2004	Copy of Assignment attached
10/833,176	04/27/2004	Assignment recorded in the Patent and Trademark Office at Reel 011983, Frame 0805
10/833,565	04/28/2004	Copy of Assignment attached
10/838,674	05/04/2004	Copy of Assignment attached

The undersigned has reviewed all the documents in the chain of title of the patent applications identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 9/1/2004 By:

Name: Chien-Wei Chou

Title: Director, Intellectual Property Division